

Title (en)

Ferritic stainless steel substrate for catalytic system.

Title (de)

Substrat aus ferritischem rostfreien Stahl für ein katalytisches System.

Title (fr)

Substrat en acier inoxydable ferritique pour un système catalytique.

Publication

**EP 0033202 A1 19810805 (EN)**

Application

**EP 81300143 A 19810114**

Priority

US 11581680 A 19800128

Abstract (en)

[origin: US4277374A] A system comprising a ferritic stainless steel substrate having a tightly adherent oxide coating and a catalytic material thereupon. The ferritic stainless steel is of a chemistry which forms a tightly adherent non-spalling scale suitable for application of a catalytic bearing material. It consists essentially of, by weight, up to 26% chromium, from 1 to 8% aluminum, from 0.02 to 2% hafnium, up to 0.3% yttrium, up to 0.1% carbon, up to 2% silicon, balance essentially iron.

IPC 1-7

**B01J 37/02**

IPC 8 full level

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CPC (source: EP US)

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**EP 0033202 A1 19810805**; CA 1149798 A 19830712; JP S56124446 A 19810930; JP S6324740 B2 19880523; US 4277374 A 19810707

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